

TL D080012305
EPA IDENTIFICATION NUMBER

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
TREATMENT, STORAGE, AND DISPOSAL FACILITIES
Form 1 - General Facility Standards

I. General Information:

(A) Facility Name: Shell Oil Company - Wood River Refinery
(B) Street: P.O. Box 262
(C) City: Wood River (D) State: IL (E) Zip Code: 62094
(F) Phone: 618-254-7371 (G) County: Madison

(H) Operator: Same
(I) Street: _____
(J) City: _____ (K) State: _____ (L) Zip Code: _____
(M) Phone: _____ (N) County: _____

(O) Owner: Same
(P) Street: _____
(Q) City: _____ (R) State: _____ (S) Zip Code: _____
(T) Phone: _____ (U) County: _____

_____ Federal _____ Municipal ☒ Private
(V) Type of Ownership: _____ State _____ County
(W) Date of Inspection: 3/4/81 (Q) Time of Inspection (From) 9:00am (To) 4:15pm
(X) Weather Conditions: overcast, 40's, some rain



(Y) Person(s) Interviewed

Title

Telephone

Jay Rankin
C. G. Walls

Environmental Coordinator 618-254-7371
Manager, Quality Assurance 618-254-7371
Environmental Conservation _____

(Z) Inspection Participants

Title

Telephone

Tom Powell
Jeff Stern

Env. Protection Specialist 618-345-4606
Env. Protection Specialist 217-782-6760

II. Description of Site Activity

(A) ✓ Generator (Form 2)

(B) _____ Transporter (Form 3)

(C) _____ Chemical, Physical
and Biological Treatment (Form 4)

(D) ✓ Storage (Form 5)

(E) _____ Landfill (Form 6)

(F) _____ Incineration (Form 7)

(G) _____ Land Treatment (Form 4)

(H) _____ Thermal Treatment (Form 7)

(I) Comments: surface impoundment for API and DHF float
sludge, ~~tank~~ for tank storage for ^{spent sulfide} caustic, 2 wastewater
treatment ponds

Supplemental forms (Listed in Parathesis) must be completed for each activity inspected. Attach all Supplemental forms to this report.

Yes

No

Not
Inspected

See Remark
Number

(J) Has this facility
Submitted a Part A
Permit Application?

✓

III. GENERAL FACILITY STANDARDS

	Yes	No	Not Inspected	See Remark Number
(A) Has the Regional Administrator been notified regarding:				
1. Receipt of hazardous waste from a foreign source?	_____	_____	_____	NA
2. Transfer of Ownership?	_____	_____	_____	NA
(B) General Waste Analysis:				
1. Has the owner ^{or} operator obtained a detailed chemical and physical analysis of the waste?	_____	_____	✓	_____
2. Does the owner ^{or} operator have a detailed waste analysis plan on file at the facility?	✓	_____	_____	_____
3. Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?	_____	_____	_____	NA
(C) Security - Do security measures include:				
1. 24-Hour Surveillance?	✓	_____	_____	_____
2. Artificial or Natural Barrier Around Facility?	✓	_____	_____	_____
3. Controlled Entry?	✓	_____	_____	_____
4. Danger Sign(s) at Entrance?	✓	_____	_____	_____
(D) Do Owner ^{or} Operator Inspections Include:				
1. Records of Malfunctions?	✓	_____	_____	III D ④
2. Records of Operator Error?	✓	_____	_____	_____
3. Records of Discharges?	✓	_____	_____	_____
4. Inspection Schedule?	✓	_____	_____	_____
5. Safety, Emergency Equipment?	✓	_____	_____	_____
6. Security Devices?	✓	_____	_____	_____
7. Operating and Structural Devices?	✓	_____	_____	_____
8. Inspection Log?	✓	_____	_____	_____

III. () GENERAL FACILITY STANDARDS - Continued

	Yes	No	Not Inspected	See Remark Number
(E) Do Personnel Training Records Include:				
1. Job Titles?	<u>✓</u>	<u> </u>	<u> </u>	<u>III E-1</u>
2. Description of Training?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
3. Records of Training?	<u> </u>	<u> </u>	<u> </u>	<u>NA III E-</u>
Is Personnel Training Completed within the Required Time Frame?	<u> </u>	<u> </u>	<u> </u>	<u>NA</u>
(F) Are the Following Special Requirements for Ignitable, Reactive, or Incompatible Wastes Addressed?				
1. Special Handling?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
2. No Smoking Signs?	<u>✓</u>	<u>smoking only in designated areas of plant</u>	<u> </u>	<u> </u>
3. Separation and Confinement?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>

IV. PREPAREDNESS AND PREVENTION

(A) Maintenance and Operation of Facility:				
1. Is there any evidence of fire, Explosion, or release of hazardous waste or hazardous waste constituent?	<u> </u>	<u>✓</u>	<u> </u>	<u> </u>
Does the Facility have the Following Equipment:				
(B) 1. Alarm System?	<u> </u>	<u> </u>	<u>✓</u>	<u> </u>
2. Telephone or 2-Way Radios?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>

Indicate the volume of water and/or foam available for fire control:

Units: 6,000 gallons foam

Yes	No	Not Inspected	See Remark Number
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(C) Testing and Maintenance of Emergency Equipment:

1. Has the Owner or Operator established Testing and Maintenance Procedures for Emergency Equipment?

✓

2. Is Emergency Equipment Maintained in Operable Conditions?

✓

(D) Has Owner^{or} Operator Provided Immediate Access to Internal Alarms (if needed)?

✓

(E) Is there Adequate Aisle Space for Unobstructed Movement?

✓

inadequate space in
catero building between rows

(F) Are Arrangements with Local Authorities Included in the Operating Record?

✓

no arrangements
with hospitals, outside fire
or police d.

VI. CONTINGENCY PLAN AND EMERGENCY PROCEDURES

(A) Does the Contingency Plan Contain the Following Information:

1. The actions facility personnel must take to comply with §264.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control, and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part.)

✓

2. Arrangements agreed to by Local police departments, fire departments hospitals, contractors, and State and local emergency response teams to coordinate emergency services pursuant to §264.37?

✓

	Yes	No	Not Inspected	See Remark Number
3. Names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
4. A list of all emergency equipment at the facility which includes the location and physical description of each item on the list and a brief outline of its capabilities?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
5. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes:)	<u> </u>	<u>✓</u>	<u> </u>	<u> </u>
(B) Are copies of Contingency Plan Available at Site and local Emergency Organizations?	<u> </u>	<u>✓</u>	<u> </u>	<u> </u>
(C) Emergency Coordinator				
1. Is the facility Emergency Coordinator identified?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
2. Is Coordinator Familiar with all aspects of site operation and emergency procedures?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
3. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
(D) Emergency Procedures				
If an Emergency Situation has occurred at this facility; has the Emergency Coordinator followed the Emergency procedures listed in 256.56?	<u> </u>	<u> </u>	<u> </u>	<u>NA</u>

VII. MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING

	Yes	No	Not Inspected	See Remark Number
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(A) Use of Manifest System

1. Does the facility follow the procedures listed in §265.71 for processing each Manifest?

✓

special wastes - no hazardous wastes have left site since 11/13/80

2. Are records of past shipments retained for 3 years?

✓

not required at this time

(B) Does the owner or operator meet requirements regarding Manifest Discrepancies?

✓

(C) Operating Record

Does the facility maintain an operating record at the site as required in §265.73?

✓

(D) Availability, Retention and Disposition of Records

Are all records available at the site for inspection as required in §265.74?

✓

VIII. CLOSURE AND POST CLOSURE

(A) Closure and Post Closure

1. Closure Plan Available for Inspection by May 19, 1981?

not required at this time

NA

2. Has this plan been submitted to the Regional Administrator?

NA

3. Has Closure begun?

✓

4. Is closure cost estimate available by May 19, 1981?

NA

(B) Post Closure Care and Use of Property
- Has the Owner or Operator supplied a Post Closure Monitoring Plan (by May 19, 1981)?

NA

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS
SUPPLEMENTAL FORM 5 FOR STORAGE FACILITY INSPECTIONS

I. General Information

(A) Facility Name: Shell Oil Company - Wood River Refinery
 (B) Street: P.O. Box 262
 (C) City: Wood River (D) State: IL (E) ZIP Code 62095
 (F) Date of Inspection: 3/4/61

II. Storage Facility Standards (Part 265)

A. Facilities which store containers of hazardous waste (Subpart I)

	YES	NO	NOT IN- SPECTED	REMARK #
1 Are containers in good condition?	✓			
2 Are containers compatible with waste in them?	✓			
3 Are containers stored closed?	✓			
4 Are containers managed to prevent leaks?	✓			
5 Are containers inspected weekly for leaks and defects?	✓			
6 Are ignitable & reactive wastes stored at least 15 meters (50 feet) from the facility property line?	✓			
7 Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply.)	✓			
8 Are containers of incompatible wastes separated or protected from each other physical barriers or sufficient distance?			✓	

B. Facilities which store hazardous waste in tanks (Subpart J)

1 Are tanks used to store only those wastes which will not cause corrosion, leakage or premature failure of the tank?		✓		corrosive waste
2 Do uncovered tanks have at least 60 cm (2 feet) of freeboard, or dikes or other containment structures?				NA

	YES	NO	NOT INSPECTED	REMARK
3. Do continuous feed systems have a waste-feed cutoff?				NA
4. Are waste analyses done before the tanks are used to store a substantially different waste than before?				NA
5. Are required daily and weekly inspections done? ✓	✓	✓	weekly inspections of term, no daily inspect.	
6. Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				NA
7. Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR 265.17(b) apply.)				NA

C. Facilities which store hazardous waste in surface impoundments (Subpart K)

1. Do surface impoundments have at least 60 cm (2 feet) of freeboard?	✓			
2. Do earthen dikes have protective cover?	✓			
3. Are waste analyses done when the impoundment is used to store a substantially different waste than before?				NA
4. Is the freeboard level inspected at least daily?	✓			
5. Are the dikes inspected weekly for evidence of leaks or deterioration?	✓			
6. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a surface impoundment? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)	✓			
7. Are incompatible wastes stored in different impoundments? (If not, the provisions of 40 CFR 265.17(b) apply.)				NA

D. Facilities which store hazardous waste in waste piles (Subpart L)

1. Are waste piles covered or protected from the wind?				
2. Is each in-coming movement of waste analyzed before being added to the waste pile?				
3. Are leachate, run-off, and run-on controlled? (The effective date of this provision is Nov. 19, 1980.)				
4. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a pile? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				

	YES	NO	NOT IN- SPECTED	REMARK #
5. Are piles of reactive or ignitable waste protected?				
6. Are incompatible wastes stored in different piles? (If not, the provisions of 40 CFR 265.17(b) apply.)				
7. Are piles of incompatible waste protected by barriers or distance from other waste?				